

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior listings of claims in this application.

1. (Currently Amended) A method of establishing data domains and cross-domain relationships for managing data related to communications products, the method comprising:

defining a contract domain including a contract entity, the contract entity having attributes of an agreement between a customer and a provider of a communications product;

defining a product domain including a product entity having attributes of the communications product;

defining a location domain including a location entity having attributes of a geographic location;

defining an account receivables domain including an account entity having attributes of a customer account;

defining a customer domain including a party entity having attributes of a party;

defining within said customer domain a contract instance of said contract entity, a product instance of said product entity, a location instance of said location entity and an account instance of said account entity; and

generating views of product instances, the views including customer-oriented views, account-oriented views and location-oriented views, the product instances depicted in a space, the customer-oriented views, account-oriented views and location-oriented views being depicted as regions in the space;

wherein an entity in one of said contract domain, product domain, location domain, account receivables domain and customer domain is directly related to another entity in another one of said contract domain, product domain, location domain, account receivables domain and customer domain.

2. (Original) The method of claim 1 wherein:

said contract entity is directly related to said product entity.

3. (Original) The method of claim 1 wherein:

said contract domain includes a terms and conditions entity having attributes of the terms and conditions of a contract;

said terms and conditions entity is directly related to said product entity.

4. (Original) The method of claim 3 further comprising:

defining within said customer domain a terms and conditions instance of said terms and conditions entity.

5. (Original) The method of claim 1 wherein:

said contract domain includes an outcome entity having attributes of the outcome of a contract;

said outcome entity is directly related to said product entity.

6. (Original) The method of claim 5 further comprising:

defining within said customer domain an outcome instance of said outcome entity.

7. (Currently Amended) A cross-domain data model for managing data related to communications products, the cross-domain data model being contained on a computer-readable medium and accessed by a computer, the cross-domain data model comprising:

a contract domain including a contract entity, the contract entity having attributes of an agreement between a customer and a provider of a communications product;

a product domain including a product entity having attributes of the communications product;

a location domain including a location entity having attributes of a geographic location;

an account receivables domain including an account entity having attributes of a customer account;

a customer domain including a party entity having attributes of a party, within said customer domain a contract instance of said contract entity, a product instance of said
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product entity, a location instance of said location entity and an account instance of said account entity;

wherein an entity in one of said contract domain, product domain, location domain, account receivables domain and customer domain is directly related to another entity in another one of said contract domain, product domain, location domain, account receivables domain and customer domain; and

the cross-domain data model facilitating generation of views of product instances, the views including customer-oriented views, account-oriented views and location-oriented views, the product instances depicted in a space, the customer-oriented views, account-oriented views and location-oriented views being depicted as regions in the space.

8. (Original) The cross-domain data model of claim 7 wherein:

said contract entity is directly related to said product entity.

9. (Original) The cross-domain data model of claim 7 wherein:

said contract domain includes a terms and conditions entity having attributes of the terms and conditions of a contract;

said terms and conditions entity is directly related to said product entity.

10. (Original) The cross-domain data model of claim 9 further comprising:

within said customer domain a terms and conditions instance of said terms and conditions entity.

11. (Original) The cross-domain data model of claim 7 wherein:

said contract domain includes an outcome entity having attributes of the outcome of a contract;

said outcome entity is directly related to said product entity.

12. (Original) The cross-domain data model of claim 11 further comprising:

within said customer domain an outcome instance of said outcome entity.